



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061 4
Beltsville, Maryland 20705-1061

The FAR-B Board of Directors met on January 9, 1990 in Room 401 NAL Building. Those in attendance were: T. Byerly, F. Longen, G. Irving, C. Golumbic, A. Piringer and M. Blackwell. Guests at the meeting included E. Finney, B. Norton, and J. DeQuattro.

The meeting was called to order at 1:00 p.m. by President Ted Byerly.

Minutes for the December meeting were approved as distributed.

NEW BUSINESS

Dr. E. E. Finney gave the following report:

- Things have been quiet in the Director's Office this past month. Meetings are continuing on the Human Nutrition facility. Dr. Hess and Dr. Plowman are recommending a feasibility study. NIH is proposing \$1.5 million/year funding to BARC for this project.
- The Secretary of Agriculture is supporting the "Product Development" project. Congress is pressuring USDA to put more into Product Development; possibly redirecting funds. There will be instructions and guidelines. A NPS work group will be formed; more update in February.
- The Regional Research Centers are planning events to mark their 50 Year Anniversaries.
- Concerning FAR-B's renewal of the Memorandum of Understanding, Dr. Finney suggested Mr. Longen meet with Jack Boyette, Administrative Officer.

Mr. Bob Norton and Jim DeQuattro, ARS Information staff, were introduced. Discussion on what they can do to get word out about FAR-B and BARC Symposium. Suggestions and discussions included:

- FAR-B Newsletter be sent to local newspapers (ie Laurel Leader, Greenbelt News, Science). This information will be passed on to Jane Wall.
- Copy of current FAR-B mailing list was given to Mr. Norton and Mr. DeQuattro. They will suggest additional names.
- Add Norton and DeQuattro to mailing list for Newsletters.
- Send Dr. Finney's office 20 copies of Newsletter for visitors to BARC.
- Dr. Byerly suggested that the Information Staff keep Mr. Longen informed of publicity.
- In Dr. Price's absence, Mag reported on current Symposium events and of the committee meeting scheduled for Thursday, January 18 at 1:00 pm in the Lincoln Room, National Visitor Center.

TREASURER'S REPORT

Mr. Longen gave the following report:

He has changed the Regular FAR-B Account to a Money Market account.

Regular Account: Balance on hand 12/12/89 \$11,224.59
Income (none)
Expenses (none)

Balance as of 1/9/90 \$11,224.59

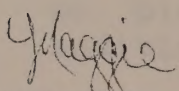
Conf. & Symposia: Balance on hand 12/12/89 \$25,453.87
Income (none)
Expenses
CK# 237 295.37
Budget Print Center
CK# 238-HLA Computers 1,568.00
(for FAR-B secretary)

Balance as of 1/9/90 \$23,590.50

Dr. Irving reported on his visits to Bunker Hill School in Washington, DC. He said they are such bright, energetic students but unfortunately their school funds are limited for field trips, etc. The FAR-B Board is willing to charter buses to bring the children to BARC for a tour.

There being no other business to conduct the meeting adjourned at 1:55 p.m.

Respectfully Submitted,


MARGARET A. BLACKWELL
Executive Secretary

*****NEXT MEETING*****

NEXT BOARD OF DIRECTOR'S MEETING is TUESDAY, February 13, 1990,
1:00 p.m., Room 402, NAL Building.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20705-1061

The FAR-B Board of Directors met on February 13, 1990 in Room 401 NAL Building. Those in attendance were: T. Byerly, W. Hollis, F. Longen, A. Piringer, R. Steere, Jane Wall and M. Blackwell. Guests at the meeting included Don Bills and J. DeQuattro.

The meeting was called to order at 1:00 p.m. by President Ted Byerly.

Minutes for the January meeting were approved as distributed.

AREA OFFICE REPORT

Dr. Don Bills, Deputy Area Director, Product Quality & Development Institute, gave the following report for the Area Office:

- The FY91 President's budget shows a \$38 million increase for ARS. Some of the funds will be directed towards water quality, climate change, plant germplasm, plant genome, narcotic plants, and animal health. \$10.8 million is allocated for food storage and safety research.
- Dr. Finney will update the modernization work being done at Beltsville at the FAR-B Annual Meeting next month.
- On January 22, Congressman Bond, Research and Conservation Subcommittee visited BARC. Topics discussed and facilities visited included land conservation, water quality and biotechnology.
- John Barry will visit BARC on February 16 to discuss the 1991 budget.
- On March 5 at the University of Maryland Adult Education Center there will be an all day symposium. Dr. Ted Diener will be recognized for his research accomplishments. Because he knows Dr. Diener very well, Dr. Steere will attend. Contact for additional information is Dr. Shain-Dow Kung, telephone 454-6056.
- Dr. Marten will be chairing a meeting to update the 1980 plans on Land Use and has invited a FAR-B representative to attend. Dr. Piringer will be liaison.
- There will be a press conference at the U.S. National Arboretum on plant zones and hardiness. Dr. Piringer will attend.

PRESIDENT'S REPORT

Dr. Byerly passed some information on wetlands to Jane Wall. He also commented on the Citizens of Greenbelt association and their support on preserving BARC property.

Dr. Byerly would like the Newsletter to be sent to local newspapers.

FAR-B Annual Meeting will be 2:00 pm, Tuesday, March 13, 1990 in the Theatre Room, National Visitor Center. The Board of Directors will meet for their monthly meeting at 1:00 in the Lincoln Room.

OTHER BUSINESS

Motion made, seconded and passed to authorize Mr. Longen to have the books audited for 1989.

Would like to have Dr. Price, Co-chairman Symposium XV, report at the Annual Meeting on nomination(s) for FAR-B award to be presented at the banquet May 17. M. Blackwell will let Dr. Price know and will have information to report at March 13 meeting.

Jim DeQuattro reported that the first press release on Symposium XV will go out tomorrow. Mailing list to include 900 delegates throughout the Department. Mr. DeQuattro also reported that one of the speakers, James Everitt will give an aerial demonstration and be interviewed by a local cable network. Also Dr. Ray Jackson, speaker from Phoenix, AZ will give an infrared gun demonstration.

Dr. Piringer reported he was invited to attend a Chamber of Commerce group meeting at the Visitor Center by Steve Berberich. He said there were alot of interesting people and topics of discussion. He had a chance to tell the group about FAR-B. Dr. Piringer recruited several new members at this meeting.

M. Blackwell reported for Dr. Price on Symposium XV progress. All the final announcements with registration and poster information have been mailed. Congressman George E. Brown, U.S. House of Representatives, has agreed to attend and speak at the banquet. Because of conflicting schedule, Dr. Plowman will not be able to give the opening address at the Symposium. Dr. Hess will address the group instead.

TREASURER'S REPORT

Mr. Longen gave the following report:

141 solicitation letters were mailed in February. To date, he has receive 12-15 negative replies and the following contributions:

W. R. Grace	\$100.00
Hawaiian Sugarcane	500.00
Hoechst-Roussel	100.00

NEXT BOARD OF DIRECTORS MEETING: TUESDAY, March 13, 1990,
1:00 p.m., Lincoln Room, Visitor Center (Log Lodge).
Immediately following the Board of Directors Meeting will be the
Annual Meeting.

TREASURER'S REPORT-Continued

Regular Account: Balance on hand 1/9/90 \$11,224.59

Income since 1/9/90:

New Memberships	\$700.00	
Membership Renewals	80.00	
Interest	46.91	
		+826.91

Expenses since 1/9/90: None

Balance as of February 13, 1990 \$12,051.50

Conf. & Symposia: Balance on hand 1/9/90 \$23,590.50

Income since 1/9/90:

Contribution from W. R. Grace	+100.00	
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Expenses since 1/9/90:

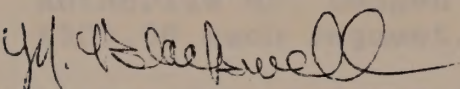
Ck #239 to Postmaster-Beltsville for postage	-125.00	
Ck #240 to Mallorey Office Supply Co. (envelopes)	- 76.00	

Balance as of 2/13/90 \$23,489.50

Jame Wall requested news articles for the March Newsletter. We do have a tight time schedule due to letting our members know about the Annual Meeting.

There being no other business to conduct the meeting adjourned at 2:20 p.m.

Respectfully Submitted,


MARGARET A. BLACKWELL
Executive Secretary

*****NEXT MEETING*****

NEXT BOARD OF DIRECTOR'S MEETING is TUESDAY, March 13, 1990, 1:00 p.m., Lincoln Room, Visitors Center (Log Lodge).
Immediately following the Board of Director's Meeting will be the Annual Meeting



ASSOCIATE

FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061
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The FAR-B Board of Directors met on March 13, 1990 in the Lincoln Room at the National Visitor Center. Those in attendance were: T. Byerly, W. Bailey, W. Hollis, F. Longen, A. Piringer, R. Steere, Jane Wall and M. Blackwell. Guests at the meeting included Essex Finney and Gordon Marten.

The meeting was called to order at 1:00 p.m. by President Ted Byerly.

Minutes for the February meeting were approved as distributed.

PRESIDENT'S REPORT

Dr. Byerly distributed a letter from Dr. Mary Ann Ottinger, University of Maryland at College Park, requesting support for an east coast regional meeting of the General Comparative Endocrinology Division of the American Society of Zoologists. After discussion, a motion was made, seconded, and passed to write Dr. Ottinger and send her a check for \$100.00.

There was discussion on the FAR-B Annual Meeting which takes place immediately following this Board of Directors' meeting.

After discussion Dr. Byerly asked Dr. Finney for a report.

AREA OFFICE REPORT

Dr. Finney outlined what he will be overseeing at the Annual Meeting.

Dr. Finney had the pleasure of announcing that Dr. Byerly will be inducted into the ARS Hall of Fame in a ceremony at the National Arboretum on June 12, 1990.

Dr. Byerly asked Dr. Finney what more FAR-B could be doing for the Area Office. Drs. Finney and Marten said being the federal government we are not able to allocate funds for receptions, socials, etc. for visitors to BARC. Motion was made, seconded and passed to authorize Mr. Longen to write checks to the Area Office not to exceed \$500.00 each request.

Dr. Finney then asked Dr. Marten to report on Earth Day. Dr. Marten is Chairman of the Earth Day Celebration. This year ARS will be celebrating the 20th Anniversary of Earth Day. The date will be decided soon and it will take place before April 22. There is concern for participation. A tree planting ceremony is planned.

SYMPOSIUM XV REPORT

Maggie Blackwell reported that Drs. Price and Williams had selected a recipient for the FAR-B Award to be presented at the symposium banquet. Arch Park is the nominee. The Board was pleased with this selection. At this point Dr. Park is not aware of his selection but his wife has been contacted and has accepted on his behalf. FAR-B will compile a letter to send to Dr. Park. Maggie will ask Dr. Price for a citation to be included in the letter and on the plaque that FAR-B will present to Dr. Park at the banquet.

OTHER BUSINESS

Dr. Marten reported there will be an ARS National Research Leaders meeting April 9-13 at the Dupont Circle Hilton. Workshops are planned and NPS will be sharing their views and concerns. Everyone felt this was a good idea to get all the research leaders together at one time instead of just on a regional basis.

Discussion that the National Visitor Center needs more exposure. Felt a sign out on the Baltimore-Washington Parkway and/or one off the exit at Powder Mill Road would help.

TREASURER'S REPORT

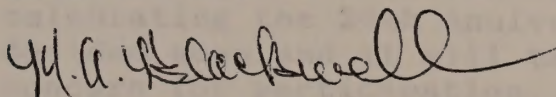
Mr. Longen said he mailed copies of ARS Program Aid 1445 "Solving Agricultural Problems With Biotechnology" to 15 industry members. Copies will also be available at the Annual Meeting.

<u>Regular Account:</u>	Balance on hand 1/9/90	\$11,224.59
	<u>Income since 1/9/90:</u>	
	New Memberships	\$700.00
	Membership Renewals	80.00
	Interest	46.91
		+826.91
	<u>Expenses since 1/9/90:</u>	None
	<u>Balance as of February 13, 1990</u>	<u>\$12,051.50</u>

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	<u>Balance as of 2/13/90</u>	<u>\$23,489.50</u>

There being no other business to conduct the meeting adjourned at 1:40 p.m.

Respectfully Submitted,



MARGARET A. BLACKWELL
Executive Secretary

*****NEXT MEETING*****

NEXT BOARD OF DIRECTOR'S MEETING is TUESDAY, April 10, 1990,
1:00 p.m., Room 401, NAL Building.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

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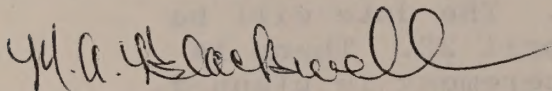
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Respectfully Submitted,



MARGARET A. BLACKWELL
Executive Secretary

*****NEXT MEETING*****

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1:00 p.m., Room 401, NAL Building.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 2070~~5~~-1061

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The meeting was called to order at 1:00 p.m. by President Ted Byerly.

Minutes for the March meeting were approved as distributed.

SYMPOSIUM XV REPORT

Dr. Price, Co-Chairman, had the following to report:

103 registered to date.

Everything is running smoothly. Dr. Byerly questioned banquet guarantee. Only restrictions are if 20 persons or less attend, there will be a \$25.00 service charge. Also, Sheraton needs banquet count three working days prior to the banquet.

Mr. Longen reported on inviting guests to the banquet as in past years. Motion made, seconded, and passed to invite not more than 15 people. List to include Mr. Abelson, Deputy Editor, Science and local Congressmen and Senators.

Dr. Byerly asked Dr. Irving to present the Outstanding Scientist award to Arch Park at the banquet.

AREA OFFICE REPORT

Dr. Ron Davis came representing the Area Office. He had no report. He came to listen and take notes.

NATIONAL VISITOR CENTER REPORT

Steve Berberich announced a Celebration of Earth Day will be on Thursday, April 19 at 10:00 am at the Visitor Center. He will be mailing out invitations to all FARB members. Refreshments will be at 9:30 am; FARB will sponsor refreshments.

Topic of Demonstration Garden at the Visitor Center was brought up again. Dr. Byerly believes FARB should consider enthusiastically. If FARB would fund, the question is if another Memorandum of Understanding would be necessary. Dr. Davis was asked to raise this question with Dr. Finney.

Steve also brought up possibility of FARB sponsoring a student for the summer; they would also be available to help FARB. Mr. Longen was asked to pursue and to have a Memo of Understanding drafted. Discussion who FARB's Memo of Understanding is with - BARC or ARS. He will look at By Laws and Articles of Incorporation and report at the May meeting.

NEW BUSINESS

Dr. Piringer is preparing an obituary for Dr. Weiss. Ruth Busby has passed away also. Dr. Piringer will contact Dr. Leffel for input on article for the June Newsletter.

TREASURER'S REPORT

Mr. Longen said he has had alot of response from the postcard reminders he mailed out concerning annual dues. The response to the letters mailed soliciting funds was minimal compared to previous years.

<u>Regular Account:</u>	Balance on hand 2/13/90	\$12,051.50
	<u>Income since 1/9/90:</u>	
	New Memberships	\$ 40.00
	Membership Renewals	270.00
	Interest 2/21/90	69.67
	Interest 3/21/90	66.21
		+445.88
	<u>Expenses since 2/13/90:</u>	-397.39
	<u>Balance as of April 10, 1990</u>	<u>\$12,099.99</u>

<u>Conf. & Symposia:</u>	Balance on hand 2/13/90	\$23,489.50
	<u>Income since 1/9/90:</u>	
	Registration Fees	\$3,639.00
	Contributions:	
	Campbell Soup Co.	1,000.00
	Pioneer Hi-Bred	500.00
	EOSAT	500.00
	Cancel. of Ck. #208	250.00
		+5,889.00
	<u>Expenses since 2/13/90:</u>	- 787.98
	<u>Balance as of April 10, 1990</u>	<u>\$28,590.52</u>

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1:00 p.m., Room 401, NAL Building.



DIRECTOR *Dr. Finney*
ASSOCIATE

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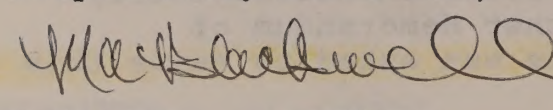
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The meeting was called to order at 1:00 p.m. by President Ted Byerly.

Minutes for the April meeting were approved as distributed.

AREA OFFICE REPORT

Dr. Finney reported on the following:

- Earth Day. He thanked FAR-B for supplying the refreshments and Steve Berberich for organizing the event.
- Final Plans for Hall of Fame Awards Ceremony. Will be June 12 at the U.S. National Arboretum. 6:00 p.m. reception and 7:00 p.m. dinner. RSVP Evelyn Baumann by June 4 (436-8100).
- BARC Modernization Effort. A meeting was held April 20. Dr. Finney distributed the meeting agenda (copy on file). Major construction of Building 007 (12 months to completion) and Building 003 (18 months to completion) was included in the discussion. Plans for constructing a Human Nutrition building between Bldgs 006 and 007. This will be in cooperation with the University of Maryland. *Natural Resources*
- Dr. Marten is in charge of the Master Plan Activity. Plans include reviewing, revising, and updating the Plan.
- Cooper Evans (Iowa) is now the Special Assistant to the President for Food & Trade Affairs. Dr. Evans will visit BARC May 17.
- Aldo Ferretti, Research Chemist, Lipid Nutrition Lab, will receive the 1990 T. W. Edminister Award. Dr. Ferretti was selected from 468 proposals considered by the evaluation committee. The plaque will be presented at the Annual ARS Awards Ceremony in June.

SYMPOSIUM XV REPORT

M. Blackwell reported for Dr. Price on Symposium XV. Registration is up. Everything is going well with the Banquet; Arch Park has been contacted and will be attending to accept his award.

TREASURER'S REPORT

Mr. Longen reported on the following:

- Letter from Dr. Ottenger, University of Maryland, to Dr. Byerly thanking FAR-B for their contribution.
- Sustaining Members not renewing their FAR-B membership include Pioneer Hybrid and FMC Corp. Discussion about "over-doing" requesting. Option may be that if a corporation contributes to the Symposium they should be made sustaining members. Also, to show that we appreciate their contribution, we could send them a copy of the symposium proceedings.

- Filed tax return; used a Wheaton-based office to complete return. Joined regular and symposium account together to file.
- Memorandum of Understanding is written as FARB & ARS at Beltsville. Representative is the Area Director.

<u>Regular Account:</u>	Balance on hand 4/10/90	\$12,099.99
	<u>Income since 4/10/90:</u>	
	New Memberships \$ 20.00	
	Membership Renewals 1,590.00	
	Interest 82.13	
		1,692.13
	<u>Expenses since 4/10/90:</u>	-57.60
	(Reimburse Earth Day)	
	<u>Balance as of May 8, 1990</u>	<u>\$13,734.52</u>
<u>Conf. & Symposia:</u>	Balance on hand 4/10/90	\$28,590.52
	<u>Income since 4/10/90:</u>	
	Registration Fees \$5,553.00	5,553.00
	<u>Expenses since 4/10/90:</u>	- 177.46
	<u>Balance as of May 8, 1990</u>	<u>\$33,966.06</u>

NEWSLETTER REPORT

Jane Wall asked for the following reports for the June Newsletter: President's Report to include Annual Meeting, Earth Day, and Banquet (Dr. Irving to do article on Banquet); Director's Office - report to include updated awards list; new membership - Mr. Longen; and Symposium XV report - Dr. Price.

VISITOR CENTER REPORT

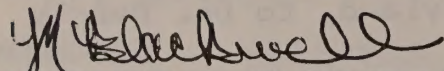
Motion was made, seconded, and passed to approve hiring student (approximately \$1800.00).

Steve Berberich to work with Mr. Boyette on Supplements for the Demonstration Gardens (FAR-B to handle funding) and student employment.

Other reports included: 25-30 students will be working at BARC for ARS and CSRS; TPIAD is May 12; showed Channel 7 video on Earth Day to the Board.

Meeting adjourned at 2:15 p.m.

Respectfully Submitted,



MARGARET A. BLACKWELL
Executive Secretary

*****NEXT MEETING*****

NEXT BOARD OF DIRECTOR'S MEETING is TUESDAY, June 12, 1990,
1:00 p.m., Room 401, NAL Building.

I thought you might
like to see the article
Ed Behr wrote on
BARC (p. 5).

P.S. Any time you
and your wife can
manage, we'd love to
show you around
Callington and treat
you to a meal - lunch
on 11:30 - 1 Monday thru
Saturday and dinner
5 - to 7. Sunday 12 - 2
and 5:30 - 7.

John Wall

you become aware that there are two
other frogs nearby.

Move your hand and they are
gone. The watery echo of the
splash is heard, but the leap was
too fast to be caught by the eye.

They're gone and now you
become aware that their brothers,
uncles and cousins are all around
you, announcing their presence vo-
cally. The sounds are of several
varieties. The low plucked C of a
bass fiddle. The lowest note on
the bassoon, rising and falling
rhythmically. At times, the groan
of an ungreased wheel on an old
farm wagon.

On the far shore a Canada
goose patrols the reeds and rushes
marking the pond's edges. Not far
away is the male mallard duck who
shares the pond with him. His me-
talic green neck glints briefly in
the early morning sun. The two are
alone. Their mates are sitting

gtonian and Views ~

llville, MD

Summer 1990

perhaps on this year's eggs, hidden
in the reeds.

Close at hand a male red-
winged blackbird takes up a post at
a newly planted dogwood to sing his
plaintive one-note -- zee-ee-ee.
There is no female to respond. He
flies off, his red epaulets showing
briefly.

An eastern kingbird alights on
the young hawthorn. He faces you,
standing motionless. He is God's
gift to the photographer (or illus-
trator) of a field guide to local
birds. For you would not want a
better illustration of the well de-
fined contrast between the king-
bird's coal black head and back and
his snowy white breast. And that
bit of white lace marking the end
of his tail.

The air space above the pond
is invaded by fast-flying swallows
(cliff? bank?). A stunt flyer
show, it would appear. How fast
can you go and how close to the
pond surface without getting your
wings wet? Actually what you are
seeing is a fishing expedition,
beak open, for the insects visible
and invisible in the air. A good
show, for the swooping and soaring
go on for an hour or more.

The light grows and the pond's
skin is now seen to be broken in a
thousand places (broken and reform-
ed almost immediately) by the erra-
tic skating of whirligig beetles.
Their search for prey leaves scrib-
bled patterns whose life is mea-
sured in milliseconds. The thought
intrudes: are these the President's
thousand points of light? And as
evanescent?

Jacob Fisher

- Filed tax return; used a Wheaton return. Joined regular and symposium.
- Memorandum of Understanding is with Beltsville. Representative is the

Regular Account: Balance on hand 4/10/90
Income since 4/10/90
New Memberships
Membership Renewals
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Expenses since 4/10/90
(Reimburse Earth Day)
Balance as of May 8

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Registration Fees

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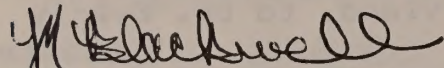
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The Collingtonian

~ News and Views ~

Vol. 2, No. 6

Mitchellville, MD

Summer 1990

7 AM MID-MAY AT COLLINGTON POND

A mild breeze is dissolving the last shreds of vapor which had settled over the pond during the night. Just off the bank a frog the size of a man's hand lies motionless in the water, head and back showing. He seems to have just emerged from the green slimy depths and to have brought some of it with him, for his skin has the earthy green brown shades of a fallen tree branch long immersed in the pond bottom.

Except for his face, which wears a fresh apple-green complexion, as though hastily scrubbed for morning inspection.

Eyes now sensitive to detail, you become aware that there are two other frogs nearby.

Move your hand and they are gone. The watery echo of the splash is heard, but the leap was too fast to be caught by the eye.

They're gone and now you become aware that their brothers, uncles and cousins are all around you, announcing their presence vocally. The sounds are of several varieties. The low plucked C of a bass fiddle. The lowest note on the bassoon, rising and falling rhythmically. At times, the groan of an ungreased wheel on an old farm wagon.

On the far shore a Canada goose patrols the reeds and rushes marking the pond's edges. Not far away is the male mallard duck who shares the pond with him. His metallic green neck glints briefly in the early morning sun. The two are alone. Their mates are sitting

perhaps on this year's eggs, hidden in the reeds.

Close at hand a male red-winged blackbird takes up a post at a newly planted dogwood to sing his plaintive one-note -- zee-ee-ee. There is no female to respond. He flies off, his red epaulets showing briefly.

An eastern kingbird alights on the young hawthorn. He faces you, standing motionless. He is God's gift to the photographer (or illustrator) of a field guide to local birds. For you would not want a better illustration of the well defined contrast between the kingbird's coal black head and back and his snowy white breast. And that bit of white lace marking the end of his tail.

The air space above the pond is invaded by fast-flying swallows (cliff? bank?). A stunt flyer show, it would appear. How fast can you go and how close to the pond surface without getting your wings wet? Actually what you are seeing is a fishing expedition, beak open, for the insects visible and invisible in the air. A good show, for the swooping and soaring go on for an hour or more.

The light grows and the pond's skin is now seen to be broken in a thousand places (broken and reformed almost immediately) by the erratic skating of whirligig beetles. Their search for prey leaves scribbled patterns whose life is measured in milliseconds. The thought intrudes: are these the President's thousand points of light? And as evanescent?

Jacob Fisher

FROM THE HEALTH CARE COMMITTEE

Do you know that as a resident of Collington you have available to you a fine health facility in near-by Bowie? The Bowie Health Center is a full service outpatient and emergency facility for residents of the larger Bowie area which includes Mitchellville, Crofton and areas south of Bowie. It is located near the intersection of Rt.197 and Northview Drive, less than one-half hour drive from here.

The Bowie Health Center gives full range clinic services and is open daily from 8 a.m. to 12 midnight. A physician is in attendance during the sixteen hours, as well as nurses, laboratory technicians, X-ray technicians and radiologists. Medical specialists are available for consultation and treatment as needed.

The facilities include a specialized area for emergency treatment of heart attacks, including appropriate technological equipment and monitors. Three multipurpose surgical suites are available for same-day surgery including cataract removal. Surgical assistants, anesthesiologists and other staff members function as a surgical team.

The Health Center also has facilities for suturing lacerations and cast application (and removal) for fractures. The Center is fully staffed and equipped to provide a full range of diagnostic testing procedures which include X rays, EKGs, tissue analysis, throat culture, urinalysis and blood studies. Tests are administered to help individuals monitor cholesterol levels and to identify the possible onset of diabetes.

Each of the attending physicians is a board certified specialist, with extensive training in emergency medicine. Each is also trained and certified in Advanced Cardiac Life Support and Advanced Trauma Life Support.

The Bowie Health Center is a member of the Dimensions Health Corporation which also includes The Prince George's Hospital Center and

the Greater Laurel-Beltsville Hospital. It is not designed to replace these institutions or your primary physician. It offers, however, high level professional services to expedite your health care at the Center, and to make referrals, as appropriate, to your physician or to one of the member hospitals for continuing treatment and health care.

Virginia C. Conley

BLUEBIRDS

Now that nesting season is in full swing, our roadsides and pathways are being brightened once again by a Collington favorite -- the bluebird.

Actually, the bluebird never left us. It stayed around all winter, but often escaped notice, since bluebirds don't patronize feeders as finches and sparrows do. Ever since spring arrived, the brilliant blue of the adult male, in particular, has been captivating viewers. Both the resplendent male and his less spectacular mate have been darting back and forth around the edges of the campus as they have built nests and raised their young.

And young they have produced, though how many it would be hard to say. Bluebirds are among the earliest nesters and by early May several newly fledged birds (identified by their spotted breasts) were being seen here. One brood was hatched in the nesting box placed on the north side of the perimeter road between the 2000 and 3000 clusters. How many of the other boxes are being used remains unclear. Bluebirds have been seen entering the box nearest the gazebo on the lakeside, but there is no solid evidence of their nesting there.

Although bluebirds have become a Collington fixture, some residents say they still aren't seeing them. And it is true that they aren't everywhere on campus. The thing to do, of course, is to seek out their favorite haunts. These seem to include: the patch of woods
(cont. on next page)

near the 4000 and Apartment parking lots; the fence around the sedimentation pond; the apartment roof peaks nearest the lake and the small trees nearby. A final pointer: if you see a bird perched atop one of the light globes on the perimeter road, it is almost surely a bluebird.

Edward Behr

MAY BIRTHDAY PARTY

The May Birthday Party, which took place on May 14, was put on by the 1200 Cluster, with Parker McCarthy officiating as master of ceremonies.

The program opened with a group of songs by the Collington Singers led by Gailyn Gwin. This group is always a pleasure to listen to. They sang "Now is the month of May," a madrigal by Thomas Morley, "Sweet and Low," "Will you love me in December as you do in May?" and the Collington Song, in which the audience joined.

Bob Miller then read his poem **Flower Talk**, followed by Virginia Colony and Catharine Seybold playing Percy Grainger's **Country Garden**. Favors and special recognition were given the individuals who had May birthdays.

Then came the Collington Cowboys, Merrill Gay, Walter Judd, Ken Muldoon and Carroll Shaw, who gave a spirited rendition of some western songs. Conna Shaw, impersonating Aunt Ella, the neighborhood gossip, told of past adventures and misadventures experienced by the birthday guests. Diana Young was persuaded to tell of her frightening involvement in an avalanche in the Alps, during which trees, rocks, and even chalets came hurtling down on either side of the inn in which she was staying.

Conna then danced and sang "Ballin' the Jack," accompanied by the Cowboys, and the program ended with the round "Make New Friends but Keep the Old," in which the audience joined again.

The party wound up with the usual delicious refreshments. A merry time was had by all.

Margaret Werts

GAILYN GWIN

When mentioning the Collington Singers in our account of the birthday party, it occurred to us that this would be an appropriate time to say a few words about Gailyn Gwin, their estimable and valued Director.

Gailyn's job as Executive Director of the Prince George's County Media and Film Department puts her in the position of attracting film companies to make films in the County, a kind of public relations role involved in developing and nurturing the economy. This is a new agency and it has been up to her to set the guidelines.

In addition to this, for twenty-five years she has been the Music Director of the Oaklands Presbyterian Church in Laurel. She also sings with the Oratorio Society of Washington. She lives in Seabrook and her pride and joy are her two sons, Brendon 23 and Brooks 20.

We greatly appreciate her generosity in giving her time and considerable talent to the development of the Collington Singers. She also visits with her Aunt, Caryl Hubbell, a resident at Collington.

Virginia Colony

NOTES OF "CAPABILITY COLLINGTON"

Tempting it is to run on about azaleas! But I promised you thoughts about "what goes with them?" An exciting general book is **Southern Living** magazine's **Azaleas** (Oxmoor House, PO Box 2463, Birmingham, Alabama 35202). My copy was published in 1974 at \$1.95 in large paperback. Local nurseries may still carry copies, or try your public library.

Collington's standard low-growing "door plantings" are an excellent clue to expanding your
(cont. on next page)

own garden: besides, well-tested azalea varieties, yews and andromedas (*pieris japonica*) are nicely represented. They do well here, aren't fussy, and you can always add more.

DOGWOODS are deservedly a local favorite, with their early pink or white blossom and, from as young as three seasons, a wonderful dappled shade to shelter smaller plants during our fierce summers. The *aranthrachnose* fungus disease has attracted much attention, but seems to have hit only white forest-floor dogwoods and is controllable. Don't shy from them; **Cherokee Chief** and **Royal Red** are two special pinks.

YEWS are the "Rolls-Royce" of evergreens; deep green and slow growth make a contrasting and controllable foil for all sorts of flowering plants. Use low-growers (*Taxus Rotundifolia*) or upright or pyramidal ones (*T. Capitata* or *T. Brownii*) to suit your design. Expensive, but any slow-growing plant is if you want one big enough for immediate effect. Just don't let their feet get soggy! I can't recommend most JUNIPERS (except for "Blue Rug" *Wiltonia*, a ground cover) because they grow so fast, needing trimming twice or more a season when they are in full cry (**CAPABILITY's** first rule is laziness). Hemlocks and Pines are out, unless you intend to plant "for the ages" (at a goodly distance from your home, and then only with the Landscape Committee's blessing!)

HOLLIES also love an acid, woodsy soil and, when mature, offer Yuletide cuttings. *Ilex Cornuta Chinensis* is an especially rapid grower and full-fruiter, averaging 18" a year in spring and fall growth spurts, but like Hemlock and Pine, allow it sun and much space. The blue, or green-and-white or green-and-yellow small ornamental Hollies grow more slowly, and are unusual enough to make a good "conversation piece" along your walk or foundation.

Flowering PEARS, CHERRIES and CRABAPPLES are deservedly local fa-

vorites. Tidal Basin Cherries are mostly **Yoshinos**, but my vote goes to the **Double-Flowering Kwanzan**, whose rich pink blooms in the County ten or more days later, after you've enjoyed the ones downtown. They grow startlingly fast, so allow space. Many improved varieties of flowering Pears are available, far stronger than the cliché shopping-center **Bradford** variety -- like the rest of us, they become brittle as they mature. Flowering Crabapples are generally successful here.

For high summer color and very fast growth, **CRAPE MYRTLES** offer white, pink, lavender or magenta-red bloom. They can either be let go to become tree-formed, or cut back to ground level in late fall to keep them small.

I can't honestly recommend **MAGNOLIAS**, **CAMELLIAS** or **LAURELS**. The purple **Magnolia Grandiflora** does well, but the earlier white **Star** magnolia gets frostbitten two seasons out of three. We're just too far north for most Camellias to do well, though good luck to you trying one in a wind-sheltered southern exposure. I've never succeeded with Mountain Laurel, despite having an oak-shaded back yard.

Good ground covers abound; Blue Rug Juniper is wonderful if you have a slope. *Pachysandra* is manageably slow-growing, but (at the expense of more work) Ivies offer quicker results. Seek out the slow-growers: avoid Irish Ivy (*Hedera Helix Hiberniensis*) since it can grow 18" a month at full tilt. There are fascinating slower variegated Ivies, such as **California**, **Gold Heart**, and **Lee's Silver** which reward your patience with less maintenance.

You can build an attractive, work-limited small garden with just these plants, so get on with it! Next time, spring bulbs and summer perennial shrubs. Annuals I shall leave to other writers -- even in semi-retirement I haven't the time to care for them.

Anonymous

A TREASURE IN BELTSVILLE

Journey some eight miles northwest from Collington and you reach a point where you seem to travel back in time. There you enter an expanse of farm fields and woods broken up occasionally by a scattering of older houses and farm buildings. The scene looks more like rural Prince George's County a half-century ago than the county today.

This anachronism results from the presence of the government's Beltsville Agricultural Research Center, a working and experimental farm that stretches across 7,200 acres in the Greenbelt-Beltsville vicinity. It is the world's busiest farm research station, doing pioneering work in biotechnology, organic farming, environmental protection and human nutrition. It is a national treasure.

It is also a local treasure. The roads winding through the center afford blessed relief from superhighways. Its presence helps limit development and provide refuge for wildlife. On Beaver Dam Road a visitor may indeed find beaver--and mink as well.

The center harbors a host of farm animals--3,000 turkeys, 1,000 pigs, 680 Holstein cows and 400 sheep, not to mention preserved specimens of 23 million insects and 85,000 animal parasites. Many of the animals are the objects of biotech research. One group of pigs has been fed human growth hormones; they are extra-big but lethargic and prone to disease. More successful was the substitution of two genes in other pigs; this bred animals with 34% less fat than before.

Then there are the farm bugs to outwit. The researchers have developed biological pest controls including natural enemies for moths afflicting corn and for beetles afflicting potatoes. They've also done wonders with plants for machine harvesting. Tissue culture

in the lab has led to dwarf fruit trees only a few feet high that permit picking by children and others unable to reach high in trees of normal size.

BARC director Essex Finney is also emphasizing environmental protection--trying to minimize use of chemical fertilizers and pesticides while increasing use of manure and cover crops. Experts are working on ways to make leftover pesticides harmless; micro-organisms may be discovered to consume the poisons.

To combat erosion of valuable topsoil, the center is trying out both "no-till" and "low-till" farming. Test fields are left unplowed or largely unplowed and seeds are planted in holes drilled in the ground.

To help improve human diets, researchers have gone so far as to shut up human volunteers in a cottage-sized live-in tank, called a Calorimeter, for 24 hours at a time. There they eat, watch TV, sleep and otherwise burn calories. One aim is to find why some people get fat and others don't when eating the same foods.

Much of the center's work can be glimpsed on a two-hour tour by van that is led by a knowledgeable, entertaining guide. The tours start at the Visitors Center on Powder Mill Road; it is housed in a 53-year-old building known as the Log Lodge that is worth a look in itself. Steve Berberich, the director, is proud to report that visitors have come from 80 countries.

To arrange a tour, call the Visitors Center at 344-2483 or 344-2403. To reach it from Collington, take Enterprise Road (Md. 193) north; after it turns west and becomes Greenbelt Road, turn north (right) on Soil Conservation Road and then west (left) on Powder Mill to the Log Lodge.

Edward Behr

EXECUTIVE DIRECTOR'S CORNER

Board Appointed Task Forces

In December the Board of Directors acted favorably on a policy to appoint task forces composed of Staff, Board members and Residents, when requested to do so by Board committees. It is anticipated that task forces will provide guidance on selected issues to facilitate Board decision making. Since December, three task forces have been appointed and two of them have finished their assignments.

The Task Force on Expanding Cottages provided design and contractual parameters to match available cottages with demand. The Task Force report was submitted to the Resident and Health Committee which was so satisfied with the product that no changes were made before requesting and obtaining Board Executive Committee, and later Board, approval. Permits to construct the one bedroom cottage expansions (which include a powder room and den with cathedral ceiling and Palladian window) are expected to be obtained from Prince George's County authorities shortly.

The Board-approved work of the Task Force on the Use of the Entry Road was reviewed at the June Community Meeting.

The Task Force on Withdrawal of Life-Sustaining Treatment has until November 1 to submit a report to the Board Long Range Planning and Development Committee. An examination of Collington's policy of respecting the directives of Residents and/or responsible persons is proceeding with a group of twelve composed of Residents, Board members and Staff working together to fulfill the Board assignment.

The Board-appointed Task Forces have drawn on the expertise of Collington's family and provided insight valued by the Board to assist in shaping and evaluating policy for the Community.

Art Show Fund Raiser

Fun and fund raising go well together. A fine example of this

was the recent "Prince George's County in Bloom", Collington's first art opening. The weekend-long exhibit featured water-colors by Julie Ronning Talbot and opened with a lecture by Susan Pearl, noted Prince George's County historian, who discussed the homes depicted in the paintings. In addition to the mailing list of persons interested in Collington, invitations to the Friday, June 22 opening were sent to art and history enthusiasts throughout the County. All were urged to attend and bring friends. Proceeds from the \$15 admission fee and sale of signed and numbered prints augmented the Fellowship Fund.

Gail Kohn

RESIDENTS COUNCIL - MAY 16

The Council enthusiastically received the report of its Resolution Task Force - seven Council members elected at its March meeting. Judy Kidney, Chair, presented a resolution with a rationale, and recommended procedures for its consideration. The Resolution "requests that the Board of Directors of Collington provide three (non-voting) positions for residents of the Collington Community" and that these representatives include the president of the Residents Association and two others chosen by the Residents Council. Procedures included presentation of the Resolution to Housing Area groups for their comments and, with possible revisions, to a special meeting of voting Council members on May 23. If then adopted all residents would be offered an opportunity to sign the document. These procedures were approved.

Morris Oxman, Chair of the Residents Health Committee, noted that progress has been made on some health service matters but that other concerns are now troubling the committee, specifically provisions for infirmity-type care and a billing anomaly. Residents

(cont. on next page)

entering Creighton Center for short-term illnesses, recovery from surgery, injuries, etc. are experiencing difficulties in receiving prompt attention from physicians, especially on weekends, and are having uncomfortable trips to hospital emergency rooms for testing. The anomaly in billing is a little-noticed provision in the Residence and Care Agreement that results in residents entering hospitals from the Creighton Center being billed for three meals a day by Collington. This does not apply to residents going directly to hospitals from cottages and apartments.

Erwin Hannum reported that although the original plans for serving future adjacent developments did not impinge on the Collington access road to Lottsford Road, the Transportation Department of the Maryland National Capital Park and Planning Commission is now proposing access roads coming into the Collington road from both sides. A Board created Task Force will study the proposal further.

A new Audit Committee for the Residents Association was elected by the Council. Its members are Alice Thomsen, Frank Nelms and Irving Dow, Chair.

Margo Labovitz

NO TERMINAL APATHY

Q: When do 350 eligible voters turn out to be only 35?

A: When 10% are voting.

Life is peaceful here at Collington, and yet many of us can't shake off some of the sturdy values our generation was stuck with. They still fit us like a hair shirt. So we recycle, we save electricity, we repair, and we sometimes worry about what goes on around us -- even beyond Collington's perimeter.

But can we do anything about the world outside As County citizens we can, for example, try to keep our treasured tree-screen and sound-screen by influencing local development. But as voters we could do more, because not only are

the neighborhood influentials -- the County Executive and the County Council -- up for election in November, but so are our Delegate and Senator to Annapolis. Even beyond that, our Congressman is up for reelection and he is active not only in domestic policy but also, as it happens, is influential in foreign affairs.

To vote, most of us have to register anew because we recently moved into Prince George's County. If we were already registered in this County before moving to Collington, we still have to change our address officially. Those of us who registered here at Collington before the 1988 election do not have to register again. The lists close for the primaries by 13 August and for the final election by 9 October. Registration is permanent for future elections here.

To register is easy -- far simpler than registering a motor vehicle or adopting a child. Forms are now available at Resident Services, to be filled out and mailed to the County, which sends back a voter's card. Or telephone 627-2814 and request that a registration form be sent to you. (We did this, and two forms arrived within a week.) Mail it back, and a voter's card soon appears in your box. Or for those who prefer to wait, we expect a registrar at Collington to serve on one Saturday morning in July, the date and place to be announced in the **Courier**.

Let's not accept a diagnosis of Terminal Apathy.

Dick Van Wagenen

LIBRARY NOTES

The Library Committee voted to change the title Chair, Library Committee to that of Librarian. It was considered that Librarian better represents the responsibility involved, that the incumbent is a Librarian by profession, and that this title will give more prestige to the Collington Library when dealing with other libraries, book suppliers, and such.

(cont. on next page)

Recent additions to the collection include:

The Harper Atlas of the Bible 1987

Past Worlds; The Times Atlas of

Archeology 1988

Portmaro, Pierluigi. The Cartogra-

phy of North America, 1500-

1800 1987

Prince George's County Councilgram

(weekly)

Rand McNally Atlas of World History

c1981

Webster's New Universal Unabridged

Dictionary 2nd ed.

World Almanac 1990

Anna E. Dougherty

Librarian

RECOMMENDED RESTAURANTS

Restorante Mare e Monti: 15554B, Annapolis Rd. (Rt. 450), Bowie, Md. 262-9179. Open for lunch Tuesday thru Friday, 11:30-2:30 p.m.; for dinner, Tuesday thru Thursday, 11:30-9:30 p.m. and Friday and Saturday, 5-10 p.m. Closed on Monday.

If you are looking for a good Italian restaurant nearby, try **Mare e Monti!** My wife, Marion, and I went there for dinner recently and were pleasantly surprised by the quality of the food and the excellent service. We began our meal with a special appetizer, Brushetta Pomadora (\$3.95), which consisted of two pieces of lightly toasted Italian bread topped with diced tomatoes marinated in olive oil, fresh basil and garlic. It proved very compatible with my Micholob beer and Marion's vodka-on-the-rocks.

As my main entree, I ordered one of my favorites - Cannelloni - stuffed with ground veal and vegetable topped with a cream and tomato sauce (\$9.95). It was well seasoned and cooked to perfection. My wife tried Agnolotti alla Panna (\$8.95), which was pasta stuffed with spinach served in a cream sauce. She said it was delicious. (No pasta remained on her plate.) Both entrees were preceded by an

Italian salad of lettuce, shredded carrot and red cabbage served in a delicate creamed Italian dressing. For dessert, my wife selected Dolce di Latte - a cream caramel (\$2.95) and I had the Torti di Ricotta - a homemade Ricotta cheese cake. Both desserts were excellent.

The restaurant offers three homemade soups, including Minestrone at \$1.75 a cup and \$2.50 a bowl. Pasta entrees made fresh daily include Spaghetti con Polpette di Carne - spaghetti with meatballs (\$7.95); LaSagne (\$8.95) and Timballo alla Teramano - a House Special comprising Teramo crepes layered with Mozzarella, meat, eggs, and tomato (\$9.95). Several Linguini with Seafood entrees are offered, ranging in price from \$9.95 to \$11.95. Meat dishes include Salsiccia alla Contadina - Italian sausage in tomato sauce and green peppers (\$9.95), Polla alla Fiorentina - chicken breasts with spinach and a cheese sauce (\$9.95), and Veal Scaloppa di Vitello Parmigiana - veal Parmigiana (\$11.95). There are also several seafood entrees, such as Gamberi al Vino Bianco - shrimp sauteed in white wine, garlic and butter (\$12.95) and two squid dishes (\$11.95). Desserts range in price from \$1.95 for Spumoni to \$2.95 for Cannoli.

Mare e Monti is in the Free State Mall, Bowie, and quite plain and modest in decor. But don't let that deter you. The food is excellent and the service is courteous and efficient.

Directions: As you leave Collington, turn left on Lottsford Road, then left on Enterprise Road (Rt. 193), and then right on Route 450 until you reach the Free State Mall on your left. You will see Sears and Giant stores. Turn left into the Mall and park. **Mare e Monti** is located inside the Mall. If you like good Italian food, you have a treat in store for you. And the restaurant is only 10 miles and 25 minutes from Collington.

Bob Willing



COLLINGTON PETS

Her name is Angelique Nicole. She is an 11-year-old miniature French poodle, who in her puppyhood had gorgeous dark, dark brown hair, but like many budding senior citizens as we age, her hair has faded into silvery grey. But quite becoming. She is the constant companion of Marian Jenkins and Lorna Hansen and lives with them in Cottage 1217. You will often see her walking with Marian (who just happens to be this reporter's 1931 St. Paul Central, Minn. classmate). Marian confides that the name Angelique is really a misnomer, and that if Angelique could bark out the truth, she would say, "I'm no angel". In fact, at times she can be a little devil. One day recently after Lorna had baked some appetizing cookies and laid them out on the kitchen table to cool, carefully blocking off the table with chairs, she returned later to find that Angelique Nicole had somehow managed to get on the table. She had eaten all of the cookies, except two, which Lorna carefully picked up from the floor. One for Lorna and one for Marian. Never mind the cookies being on the floor. Angelique Nicole is very smart. In fact, says Marian, if she ever got off her leash, she would easily find her way home.

Angelique Nicole is very sensitive. In fact, she was quite upset when she moved to Collington. Cottage 1217 just wasn't like home. She was sick for a whole week. But she soon adjusted to Collington and is usually in good spirits.

She loves to romp and play with her toys, and she greets visitors enthusiastically. But when she sits by the window, she barks at the residents passing by. Marian and Lorna agree that if Angelique Nicole were a person, she would have quite a vocabulary. But if you were to translate those barks into words, you might not necessarily be flattered. Angelique Nicole can be a little devil at times.

Bob Willing

ON REACHING EIGHTY

I have good news for you. The first 80 years are the most difficult. The second 80 is a succession of birthday parties. Everyone wants to help you up the stairs, across the street, etc. If you forget a name, promise to be at two places at the same time, forget an appointment, or misspell a word, you need only explain, "I'm 80." If you spill soup on your clothes or forget to mail a letter for a week, same excuse. Do you misplace your keys, glasses, or other things? Do not fret. They always turn up when you are 80. To enjoy "old age": if you can't remember it, forget it.

After 80, you can relax with no misgivings and have a perfect alibi for everything. Nobody expects much from you. If you act silly, it is your second childhood. Everyone is surprised that you can still walk, talk above a whisper, and show signs of wisdom.

It is a great deal better than being 70. People expect you to retire to a small house and become a discontented, grumbling has-been. But if you survive until 80, take heart. People will forgive you anything. At 70, they are mad or impatient with you for everything.

Life doesn't begin at 40; it begins at 80. Hang on for 20 years. Things will be even brighter and worth the wait.

Author Unknown

BAND-AIDS

Has any Collingtonian, slapping on a band-aid, dreamed she/he'd be doing the same to a tree? Some 15 or more of us have done just that! All with the aim of Down-with Caterpillars.

We have two kinds of these pests here: Gypsy Moths and Tent Caterpillars. The latter are the nasties who weave white, web-like masses in tree foliage. There they munch their way to the death of the leaves. Our present landscape contractor, Lasting Impressions, is to spray for the "tents" where needed.

It's the Gypsy Moth varmints which residents can do something about. Oaks, sweet gum, willow, hawthorn and dogwood are the most vulnerable of our trees. The defense method is to attach a sticky band to the tree trunk. Obviously and unfortunately, we can't band the many trees in our woods. We can, however, aid those planted on campus.

Sticky bands are designed to trap upwardly mobile larvae on their ascent of a tree trunk.

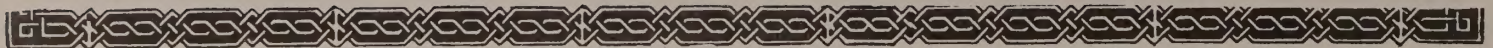
An auxiliary defense consists of a "hiding band," of burlap, etc., tied loosely to the tree trunk above the sticky band. Here, the idea (and we hope the Gypsy Moths don't know it) is to take advantage of their habit of creeping down into shelter during the day. That's the time when intrepid Collingtonians may pick them off the burlap.

(Perhaps it should be admitted that your reporter first banded two trees backwards! That is, by pressing the sticky side of the band against the tree trunk, meanwhile wondering what earthly good it could do. But, Jean Pennock, Chair of the Landscape Committee, later gave me a hands-on demonstration. Simple, if you're smart: "sticky" stays outside.)

Jean still has a quantity of banding material and instructions given us by the County. Now that our young, campus-planted trees have made it through the bitter winter, they deserve help for the coming pest-dominated months.

Onward the band brigade!

Betty Clark



THE COLLINGTONIAN - NEWS AND VIEWS. Published monthly, except during July and August, by the Collington Residents Association, Inc., 10450 Lottsford Road, Mitchellville, MD. 20721-2734. President, Malcolm Wall. Editorial Board: Mary C. MacLean and Margaret Werts, Co-Editors; Jane Wall, Copy Editor; Edward Behr, Betty Clark, Anna Dougherty, Helen Eisenhart, Margo Labovitz, Carroll Shaw, Conna Shaw, John Voorhees, Gertrude Weiss, Anna White, Margaret Wilhelm, Robert P. Willing, and Helen Wood, Contributing Editors; John Jay, Production.

Dr. Finney
5/24/90

FAR-B

Cooper Evans, former Congress Special Assistant to the
DIRECTOR'S COMMENTS

We are deeply saddened by the passing of Dr. Ted Byerly, who had a distinguished career as a scientist and administrator within USDA. Dr. Byerly was a charter member of FAR-B. BARC truly had a dedicated friend and supporter in Dr. Byerly. Earlier this year, Dr. R. D. Plowman, Administrator of ARS, wrote to Dr. Byerly, advising him of his selection to enter the ARS Science Hall of Fame. This ceremony will take place at the National Arboretum on the evening of June 12, 1990.

I am pleased to report that Dr. Plowman has confirmed the permanent

Dr. H. M. Cathey, Director of the U.S. National Arboretum, has been selected to receive the USDA Distinguished Service Award. This honor will be presented to Marc by Clayton Yeutter, the USDA Secretary, during a ceremony in Washington, D.C. on June 13, 1990. Dr. Cathey is being recognized for a career of outstanding service to the horticultural industry. He has been Director of the Arboretum since 1981. A similar honor will be conferred upon a group of Beltsville scientists during the USDA Honor Awards Ceremony in June. The Germplasm Resources Information Network (GRIN) Team will receive a USDA Superior Service Award from the Secretary of Agriculture. Jimmy Mowder is the Leader of the GRIN Team at Beltsville. This group has developed a computerized national network for sharing plant germplasm information with researchers and plant breeders throughout the United States. This system promotes the efficient use of plant genetic resources internationally.

Cooper Evans, former Congressman from Iowa and Special Assistant to the President in the White House for Agricultural Affairs, visited Beltsville on Thursday, May 17, 1990. Mr. Evans was especially interested in plans for modernizing and upgrading the research facilities at BARC. During his visit, Mr. Evans toured the Center and was briefed on our programs in plant biotechnology, transgenic animal research, and human nutrition. Dr. Plowman joined Mr. Evans for the tour and briefing.

I am pleased to report that Dr. Plowman has confirmed the permanent appointment of Dr. Gordon Marten to the position of Associate Director of the Beltsville Area. Dr. Marten came to Beltsville from the ARS Plant Sciences Research Unit at St. Paul, Minnesota, last October. He had been in an "Acting" capacity, but his appointment became permanent on April 23, 1990.

Dr. Marten brings many years of research leadership experience and enthusiasm to this assignment. We are fortunate to have him in this key leadership position.

As you know, there has been a steady loss of research positions at BARC; due to lack of funds most vacancies that occur because of retirements etc. are not filled. And funds are lacking, primarily because a steadily increasing proportion of funds appropriated for research are siphoned off for "indirect costs." Most of these funds, in turn, are used to support an ever increasing, bloated, and utterly useless administrative super structure. The latest example of this is the creation of decentralized "service centers." Surely, I do not have to spell out what serious morale problem was created among the scientific staff when dozens of vacancies opened up for the staffing of these new "service centers" at a time when research and technician positions went begging for lack of funds. Worse yet, so far, these "service centers" have resulted in precious little improvement over the previous situation. Example: budget information is so unreliable that lab secretaries have to double up as financial accountants, to supply lab chiefs and scientific staffs with the accurate and up-to-date figures so vital for responsible management.

P.O.Box 272
Beltsville, MD 20705
4 May 1990

Friends of Agricultural Research-
Beltsville, Inc.
P.O.Box 1061
Beltsville, MD 20705
Att. Dr. Albert A. Piringer

Dear Al:

Your invitation to join "Friends of Agricultural Research-Beltsville" has been in my to-do box for a long time, because I simply couldn't decide what to do about it. On one hand, I have long been eager to join (long before this latest invitation); BARC, after all, has been (and still is!) of immense importance to me and I am anxious to support efforts to maintain it as the nation's premier agricultural research institution.

On the other hand, I am deeply concerned about the direction BARC is going and has been going for a number of years. I had hoped that FAR-B might get involved in countering trends that I perceive as serious threats to the continuing eminence of BARC as a research institution, but I have learned that such is not the case. This is the reason why I have not joined so far.

The brochure that you sent together with your invitation does not lessen my concern. It lists five objectives of FAR-B; aside from laudable support of the Beltsville Symposia, there are two PR objectives (disseminating information and visitors programs), efforts to gain funds for renewing buildings and equipment, and finally, No. 5, to encourage research excellence. To me, in FAR-B, as well as in BARC itself, the cart is before the horse.

As you must know, there has been a steady loss of research positions at BARC; due to lack of funds most vacancies that occur, because of retirements etc. are not filled. And funds are lacking, primarily because a steadily increasing proportion of funds appropriated for research are siphoned off for "indirect costs." Most of these funds, in turn, are used to support an ever increasing, bloated, and utterly useless administrative super structure. The latest example of this is the creation of decentralized "service centers." Surely, I do not have to spell out what serious morale problem was created among the scientific staff when dozens of vacancies opened up for the staffing of these new "service centers" at a time when research and technician positions went begging for lack of funds. Worse yet, so far, these "service centers" have resulted in precious little improvement over the previous situation. Example: budget information is so unreliable that lab secretaries have to double up as financial accountants, to supply lab chiefs and scientific staffs with the accurate and up-to-date figures so vital for responsible management.

Of course, all this is simply a reflection of priorities. And, in my mind, these priorities have gone haywire. More and more, form is stressed over substance and research is the loser. Of course, lip service is given to research but, as I predicted twenty years ago, administration has lost sight of its true function of serving research and has elevated itself as the real *raison d'être* of the organization.

If you think that I grossly exaggerate, consider the following:

Item: A prominent plant scientist (well known to me) is being groomed to head up a national agricultural research organization in another country and was sent to Beltsville to learn how a large organization of this kind is administered. After only two weeks with the National Program Staff he confided in me how shocked he was to find that there was no vision for the future and that the staff was concerned from morning to night with (in his words) "nothing but trivialities" (read administrative, instead of scientific, concerns).

Item: Recently, an ARS postdoctoral fellow voiced the opinion that ARS makes a big mistake in hiring postdocs, because this way they find out firsthand what an undesirable place this is to build a career. BARC's failure to keep good postdocs despite offers of career appointments speaks for itself.

Item: The heavy-handed, autocratic atmosphere that prevails in ARS administration and that often permeates to the lab chief level has played havoc with its ability to keep superior scientific talent. This atmosphere is the exact opposite of that needed to nurture creative research; it is a prime reason why ARS is rapidly becoming an employer of last resort and why so many promising young ARS scientists have gone on to more enlightened institutions. Even in the industrial lab, to which one outstanding former ARS scientist has escaped, he is given far more freedom than he was allowed at ARS in Beltsville (so he informed me).

Item: Another serious impediment to the pursuit of important, long-range research is ARS's unfortunate habit of distributing scarce funds to new endeavors with flashy titles, while at the same time letting productive, established labs wither on the vine. This is done, I imagine, because the establishment of new "thrusts" (or whatever the current fad term may be) gives the appearance of progress and makes ARS administrators look better in the eyes of outsiders (including Congress) than steady support of ongoing long-range research. Never mind that this "progress" is achieved at the expense of existing, often highly productive work. Or that such decisions create serious morale problems among scientists in other labs. A crass example of this occurred only last year with the renovation of building 006.

Al, I do not wish to paint an overly gloomy picture. I know that some ARS administrators are truly research oriented and that they have tried to stem the tide. I hope that they will succeed because I am convinced that, unless present trends are reversed, no "castle-in-the-sky", unrealistic five-year plans, no prettying up of buildings, and no PR efforts will save the organization in the long run. Only first-rate research and the benefits to U.S. agriculture that flow from it will do that. ARS can justifiably be proud of its past achievements; let us return to that great tradition.

Enclosed please find my check in payment of membership dues in FAR-B.

With best wishes.

Sincerely,

Ted

Theodor O. Diener



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20705-1061

The FAR-B Board of Directors met on June 12, 1990 in Room 401 NAL Building. Those in attendance were: A. Piringner, F. Longen, R. Steere, W. Bailey, B. Hollis, J. Wall, and M. Blackwell. Guests included D. Bills and J. Price.

The meeting was called to order at 1:10 p.m. by Vice-President A. Piringner.

Minutes for the May meeting were approved as corrected: page 2, first sentence should read "Wheaton-based IRS office".

PRESIDENT'S REPORT

In respect to Dr. Byerly, a moment of silence was observed.

Dr. Piringner reported that he will be attending the ARS Hall of Fame Awards reception and dinner this evening. He will also attend the ARS Annual Award Ceremony.

Dr. Piringner distributed a copy of an article on Capitol columns at the National Arboretum. This site will be dedicated June 14 at the Arboretum.

SYMPOSIUM XV REPORT

Dr. Price gave the following overview of Symposium XV:

Meeting went well; 163 registered, 18 foreign countries represented. The facilities at NASA-GSFC were very nice; poster sessions were spacious and set-up professionally. Dr. Price commented about the lack of technical content in the speakers presentations having a year to prepare. He felt that the poster sessions had more original technical content than did the oral presentations. The banquet went great; Congressman Brown's after dinner talk was well-received as was Dr. Irving's presentation to Arch Park. Expect to break about even with money.

Dr. Price said he received a call from Congressman Brown's office concerning an honorarium. He feels an honorarium is in order. Motion was made, seconded and passed to present a \$500.00 honorarium to Congressman Brown from FAR-B. Dr. Price will draft a letter for FAR-B's review. Dr. Piringner will sign as Vice President.

AREA OFFICE REPORT

Don Bills, representing the Area Office, gave the following report:

Dr. Finney is attending an Administrative Counsel Meeting and Dr. Marten is in Pittsburgh participating in a management course.

Dr. Bills distributed the following materials (copies filed with original minutes):

- May 1990 Agricultural Research magazine
- June 6, 1990 BARC Research Leaders Meeting Agenda
- Registration brochure for Biotechnology and Nutrition symposium, September 24-26, 1990, University of Maryland, College Park.

Dr. Bills reported on two BARC scientist awards:

- Dr. Dubee will receive the Ralston Purina Award.
- Dr. Nancy Ih-Li has received the Early Career Research Scientist Award (less than 10 years).

On June 19 (2-4:00 pm) Building 303 will be dedicated. Mary Carter and Dr. Plowman are expected to attend.

The American Type Culture Collection needs to relocate. They are looking for space at BARC. FAR-B BOD agreed BARC would be a suitable place to house this collection.

TREASURER'S REPORT

Mr. Longen gave the following report:

<u>Regular Account:</u>		
	Balance on hand 5/8/90	\$13,734.52
	<u>Income</u> (new membership)	\$ 20.00
	(renewals)	150.00
	(outside contri.)	34.60
	(interest)	77.59
	<u>Total Income</u>	282.19
	<u>Expenses</u> (Dottie's Trophies)	-86.70
	(S.Berberich-reimb)	150.00
	(Office Supply)	13.32
	(Agr.Res.Service)	1,800.00
	<u>Total Expenses</u>	2,050.02
	<u>Balance as of June 12, 1990</u>	<u>\$11,966.69</u>
<u>Conf. & Symposia:</u>		
	Balance on hand 5/8/90	\$33,966.06
	<u>Income</u> (regis fees)	6,048.80
	<u>Expenses</u> (M. Blackwell)	300.00
	(Honoraria & Travel)	3,750.00
	(Budget Print Center)	898.88
	(GEWA)	700.00
	(Canteen Company)	1,100.00
	(Sheraton-Greenbelt)	5,811.38
	<u>Total Expenses</u>	12,560.26
	<u>Balance as of 6/12/90</u>	<u>\$27,454.60</u>

Treasurer's Report-Continued

In addition to regular report, Mr. Longen had the following information to share:

He has transferred the \$1800.00 from the regular account to the National Visitor Center for the part-time summer student.

Received a letter from Tim Clark thanking FAR-B for the computer.

Considering splitting symposium account into two accounts - one being a money market account.

OTHER BUSINESS

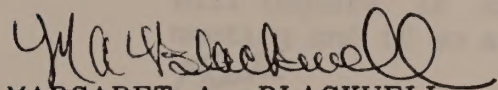
Jane Wall said the Newsletter will be out within a week.

Dr. Piringer circulated a copy of a 3-page letter he received from Dr. Ted Diener. Discussion it should be given to Dr. Finney for reply, but thought Dr. Diener should first have the option to rewrite.

Dr. Piringer also brought up the subject of BOD President vacancy. Current By-Laws state the Vice President should fill the vacancy until the BOD votes new President in. Motion moved to table unexpired position until August 14, 1990 meeting.

There being no other business to conduct the meeting adjourned at 2:10 p.m.

Respectfully Submitted,



MARGARET A. BLACKWELL
Executive Secretary

*****NEXT MEETING*****

NEXT BOARD OF DIRECTOR'S MEETING is TUESDAY, August 14, 1990,
1:00 p.m., Room 402, NAL Building.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

Minutes of Far-B Bd of Directors meeting on 14Aug90

Attended by—Piringer, Longen, Irving, Bailey, Hollis, Finney, & Vander Woulde

Brought to order at 1:02 PM by acting President Piringer.

Dr Van der Woulde reported on Symposium arrangements for the fall 1991 meeting at the Univ of Md.

Two of U of Md staff are now on the committee; Dr Dicer and Walker.

Photo Chemistry & Photobiology magazine will print symposium papers after peer review.

The Adult Education Center where the meeting will be held will cost \$6000.00 and all meals and coffee must be purchased from them.

Dr Vander Woulde will explore the possibility of having the U of Md becoming a full partner in the Symposium.

Preliminary announcement has been made and more detailed announcement will go out in a few weeks.

Discussed procurement of extra copies of proceedings for Far-B and Barc administration to hand out(estimated 50 copies are needed). Will inquire if magazine can furnished soft bound reprints of meeting and if so at what cost.

Frank
~~John~~ Longen will join Symposium committee and solicit the industry for support for this symposium to help support travel for invited scientists and other expenses. All responding industry members will be honored with a years membership and a copy of the proceedings.

Report by Dr. Essex Finney, Jr, Director of Barc

Dr Klaussen retired Aug 3, 1990 and a retirement party will be held at Golden Bull Restaurant on Aug 16, 1990. He has accepted a position with International Atomic Energy Commission in Veinna.

P
Dr J B Dubbey has been honored as the Beltsville Scientist of the year.

The FY 91 federal budget as marked up in the House includes 16 million for renovation at Beltsville.

Treasurers Report.(See attached)

Balance in General Acct \$12,620.33
" " Conference & Symposia Acct \$29,003.57
(\$20,000 of the last acct has been moved to a new Money Market Acct)

Report by Dr Piringer;

Discussed Thankyou letter sent to Congressman Brown
" letter from Dr Diener--Dr Finney will draft an answer.

Vacancies on Bd of Directors was discussed--by laws state that Bd will fill vacancies temporarily until next years general membership meeting.

Motion was made by *John* John Longen to appoint Dr Piringer as the President and name a nominating committee to fill the V Pres and one other Bd vacancy. Seconded by Dr Irving. Motion carried.

Next Bd meeting Tue 11 Sept 1990.

Above submitted by William A Bailey office phone 459-1607 or temporary 344-4640 or 4889

Conference and Exhibits - 1990		
	1989-1990	1990-1991
Total income as of 6/30/90		
Income since 6/30/90		
Registration Fee	170.00	3,000.00
Proceedings (Comp.IV)	130.00	150.00
Proceedings (Comp.V)		35.00
Trans. of funds from Acct.		20,000.00
(\$10,000.00 to new Money Market account)		
Cancellation of previously written checks \$10,000.00		
Interest		12.00
Total	430.00	3,205.00
Expenses:		
211. Wilson Print Center	211.00	
2003 Phoenix Decorating Co.	1,400.00	
2024 American Paper II Ltd.	500.00	
Trans. of funds to new Money Market account	20,000.00	
2013 Cannon B. Paden	90.00	
2026 Rex. The Specialty	25.00	
Check Printing Charge	20.00	
Total:	22,226.00	5.00
Total income as of 6/30/90		
Total to new account		

Treasurer's Report - Board of Directors Meeting - August 14, 1990

General Account:

Bank balance as of Treasurer's Report of 6/12/90: \$11,966.69

Income since 6/12/90:

New Memberships	\$10.00	
Membership Renewals	290.00	
Outside contributions (Royalty	185.03	
checks to Dr. Bills from Butter-		
worth Pub. Co. for editing book		
Interest	<u>168.61</u>	
Total Income:		<u>653.64</u>
Total Available		<u>12,620.33</u>

Expenses since 6/12/90:

None

Bank balance as of 8/14/90 \$12,620.33

Conference and Symposia Accounts:

	<u>#16-2034939</u>	<u>#16-7800701</u>	<u>Total</u>
Bank balance as of 6/12/90	\$27,454.60		\$27,454.60

Income since 6/12/90:

Registration Fees	170.00	3,000.00
Proceedings (Symp.XIII)	130.00	195.00
Proceedings (Symp.XV)		35.00
Trans. of funds from Acct.		20,000.00
#16-2034939 to new Money		
Market Account		
Cancellation of previously		
written checks.#251,252,253	750.00	
Interest		<u>168.28</u>
Totals:	<u>\$28,504.60</u>	<u>\$23,398.28</u>

Expenses:

#262 Budget Print.Center	214.25	
#263 Freeman Decorating Co.	1,420.00	
#264 AssenStore Phase II Ltd.	663.36	
Trans. of funds to new Money	20,000.00	
Market Account		
#265 George E. Brown	500.00	
#266 Mrs. Ted Byerly	85.00	
Check Printing Charge	<u>10.95</u>	<u>5.75</u>
Totals:	<u>22,893.56</u>	<u>5.75</u>

Bank balances as of 8/14/90: 5,611.04 \$23,392.53

Total in both Accounts: \$29,003.57



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

Minutes of FAR-B Bd of Directors meeting on Sept 11, 1990 in NAL

Attended by; Jane Wall, A. Alayius ^{Aloysius} Peringer, George Irving, William Hollis, and William A Bailey for FAR-B. Gordon C. Marten for Beltsville Area Directors Office.

Meeting brought to order at 1303 EDT

Minutes approved as distributed and corrected.

Read letter of resignation by Mrs Maggie Blackwell. Gordon said a new secretary will be assigned to take over for Maggie. A letter of appreciation will be drafted by George and sent by our president to Mrs Maggie Blackwell for a job well done.

No report on symposium.

Report by Gordon from Area Office;

Discussed possible cuts to ARS from balancing the budget-- worst case thought to be 34% but probably 5 to 6% .

Dr John S Neiderhauser, World Food prize laureate giving seminar Oct 19, 1990 at 2 PM for ARS and Univ of Maryland.

Dr Plowman awards for the Scientist of the year awards are as follows;

Dr Norman F. Cheville, Distinguished ARS Scientist, Ames, Iowa
Dr Wayne W. Hanna, Outstanding ARS Scientist, Tifton, Georgia
Dr. Thomas J. Henneberry, " " " Pheonix, Arizona
Dr. G. Mark Holman, " " " College Station, Texas
Dr Sally A. Leong, Outstanding Early Career Scientist, Madison, Wisc.

Two from Beltsville area received awards; (Among 11 from all Areas)

Dr. Jitender Prakash Dubey, Area Research Scientist
Dr. Nancy Miller-Ihli, Area Early Career Research Scientist

Land Use:

A new Master Plan for BARC will be developed by an outside contractor.

Land Use Continued:

Ten or more subcommittees will be set up to aid in development of the New Master Plan.

Criteria for Non Profit Organizations to locate on BARC land (eg American Type Culture Commission)

Buffer Zones

Classification of land uses/pressures

Historic Data Bases

Environmental Issues

Roads and Traffic

Experimental Land Uses

Animal Feed Supply

Boundary Survey Contract

Master Plan Contract

Modernization of Beltsville;

Bldgs 007 and 003 are well along with revisions. Area hopes for another \$16 million in FY 1991 which would include a new Plant Science Bldg.

Range 2 Greenhouses are to be demolished and partially rebuilt with the replacement of the Conservatory with a Plant Growth Chamber facility to fit between the new green houses and the new Plant Science Bldg. The first phase of the project is in the design stage now.

Jane Wall discussed articles needed for the Newsletter set time deadline.

Discussed possible board replacement for Dr. Ted Byerly and the appointment of a board member to replace Al Peringer as Vice President. Both can be accomplished with the temporary appointment of one person to the board until the elections next year.

Dr Bill Tallent will be invited to a board meeting to discuss cooperation between ARS and Industry>

Next Board Meeting will be held Oct 9, 1990 in NAL Room 401.

Submitted by Bill Bailey, as very temporary secy.

A Visit to the Agricultural Research Center

By Karen A. Kandra,
FDA Veterinarian

Right in CVM's own backyard, some 18 miles from Rockville, lies the 7,200 acre Beltsville Agricultural Research Center, also known as BARC. The headquarters of USDA's Agricultural Research Service (ARS) resides here, where literally hundreds of scientists conduct experiments for every aspect of agricultural research.

I was one of several CVM staff members who visited this facility in April. We arrived at the Log Lodge, the home of the ARS National Visitor Center. This charming log structure was built in 1936 by members of the Civilian Conservation Corps (CCC), a Depression-era employment program, using trees from the Beltsville farm. Originally modeled after the lodges in Yellowstone National Park, it was used for recreational purposes by the CCC until 1942 when it was converted to a cafeteria for BARC employees. In 1985 it was renovated as the Visitor Center.

After viewing a short slide show, our tour guide for the day, Mike Combs,

introduced himself, and we set out to see the sights. Our first stop was the dairy, where we saw cows hooked up to automatic milkers in the milking parlor. This milking system is completely closed, never touched by human hands from cow to bulk truck, thus reducing the chances of contamination. From here we visited the calf "nursery," or hutches, where newborn calves are housed two days after birth following separation from the mothers. Mr. Combs explained that the calves are kept isolated in small individual pens to prevent the spread of any disease. When they reach 30 days of age, the heifers are placed in small groups where they can socialize. After they grow to maturity, they are bred. The ability to successfully freeze viable sperm was developed at BARC; consequently, all animals are bred by artificial insemination. After calving, they enter the milking herd. Bull calves are sold at a young age for veal.

For special research on dairy cows, environmentally-controlled glass chambers were developed where each cow is placed to determine exactly how the feed ingested affects the milk she gives. This chamber electronically measures every calorie eaten by the cow, and determines how it is converted to energy in the milk, body tissue, movements, heat output and waste products. This is done for each cow so the right diet may be formulated to achieve optimum feed efficiency and quality milk.

Next we visited the granary, or feed mill, where the feed for the research animals is processed. Here we were introduced to equipment such as the Daffin Mill, the California Pellet Mill, and the Kelly Duplex horizontal mixer, each used for a specific purpose to combine the necessary ingredients contained in the feed rations required for the dairy, swine, beef cattle and poultry units at BARC. We learned that the modern

"Beltsville" turkey was developed here to provide a smaller, more compact bird which would easily feed a family of four. The granary also produces feed for the University of Maryland at several locations, as well as a certain amount for FDA's two Beltsville research facilities. Diets are changed periodically depending on the current research being done. Thirty to sixty ton of feed are mixed here each week.

On the opposite side of the road from the livestock is an area called Plant Industries, which looks like a giant nursery with greenhouses and rows of fruit trees of every possible variety. This is the world's largest tissue-cultured orchard where trees produce fruit three to five times faster than trees originating from seeds or cuttings. Experiments are also done with popular vegetables, such as potatoes, peppers and tomatoes, as well as fruits like strawberries and blueberries.

Mr. Combs told us that the first aerosol spray was developed at BARC, and was utilized during World War II as a bug bomb to prevent malaria and other insect-borne diseases.

The tallest building on the BARC campus is the National Agricultural Library, which houses 1.9 million books and periodicals related to agricultural research. Aside from plants and animals, scientific research is ongoing for human nutrition relating diet to health. Entomology, soil conservation, parasitology, nutrition, biotechnology, agronomy and meteorology are just a few of the scientific disciplines with ongoing research at USDA's Agricultural Research Service.

For a true appreciation of this important research center, I highly recommend a personal guided tour. Anyone who is interested may call (301) 344-2483 to make an appointment. ■

FRIENDS OF AGRICULTURAL RESEARCH BELTSVILLE, INC.
P.O. Box 1061
Beltsville, Maryland 20705-1061

DIRECTOR'S COMMENTS

Dr. Waldemar Klassen, former Director of the Beltsville Area, retired from ARS on August 3, 1990. About 150 friends and associates attended a special dinner for Waldy and his wife, Betty, at the Golden Bull Restaurant on the evening of August 16. Dr. Klassen was Director of Beltsville from 1983 to 1988, and led the initiative to upgrade and modernize the facilities and programs at BARC. The President's FY '91 budget includes \$16 million to continue the modernization program that was started in 1986. Dr. Klassen is now working with the International Atomic Energy Agency in Vienna, Austria.

As you drive by the Center on Route 1, you will note that good progress is being made in renovating the Administration Building (Building 003). The building has been gutted inside and new a roof and windows have been installed. All new utilities will be installed -- electrical systems, new plumbing and water pipes and fixtures, new air-conditioning and ventilation equipment, -- and there will be a new cafeteria and conference room facilities on the ground level. The building should be completed by the summer of 1991. We will plan a special ceremony next year when the building is completed.

Dr. John Neiderhauser, an internationally renowned potato breeder and researcher, has been selected to receive the 1990 World Food Prize. Dr. Neiderhauser and Dr. Norman Borlaug, the Nobel Prize laureate, are scheduled to visit BARC on the morning of Friday, October 19, 1990. Dr. Neiderhauser is a close colleague of a number of scientists in the Vegetable Laboratory at Beltsville; he will visit with them concerning recent developments in potato research. During the afternoon, ARS and the University of Maryland will co-sponsor a luncheon, seminar, and reception for our honored guest at the University on the College Park campus.

FAR-B members will be interested to know that another ARS scientist has been selected to receive the prestigious Alexander vonHumbolt Award. Dr. William L. Oorgen, who is stationed at Urbana, Illinois, will receive this award in Washington, D.C., on October 17, 1990. He is being honored for his pioneering contributions in the field of photosynthesis research. Dr. Oorgen is a past winner of the ARS Scientist of the Year Award in 1984. Previous vonHumbolt Award winners are Karl H. Norris and Ted Diener, both of whom have now retired from ARS, but are still active in research.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

Minutes of Far-B Board of Directors meeting on Oct 9, 1990 at NAL:

Attended by; Jane Wall, Frank Longen, Al Piringer, Essex E. Finney, Jr. Wm Hollis, and Wm Bailey

Meeting brought to order at 1:06 PM by President A. A. Piringer.

Minutes approved as corrected. Symposium report by phone to Al P. shows normal progress but no formal report this month. Essex reported on several items as listed below;

1--Ag budget passed both the House and Senate and is being marked up in joint committee. Both houses have same amount of \$16 million for renewal of Beltsville.

2--A bus load of FONA(Friends of National Arboretum) Bd of Directors will visit Beltsville on Oct 16 and two outstanding Scientists John Neiderhauser and John Borlaug will be at Beltsville on the 19th.

Norman

3--Land use issues; (a) Metro car park/wetland still being negotiated. (b) A transportation study along Route 1 is planned. (c) A new Federal District Court will be built on USDA land near the Beltway and Kenilworth(Edmonston Rd). (d) American Type Culture, U of Md, and Paint Branch Golf Club have all inquired about using some Barc property.

4--Retirements; Taylorson, Myer Schwartz, Reiser and Kunishu are planning to retire.

5--Awards; Bill Orogen will receive Humbolt Award on Oct 17, and ARS Scientists of Year will receive awards on Nov 7.

6--Bldg 003 renewal progress normal should be finished by Nov 91.

7--International Society for Horticultural Science(ISHS) will hold their 2nd Symposium on Invito Culture & Horticultural Breeding in Baltimore on June 28 to ?? July 1992. The Chairperson is Freddy Hammerslag and Co-chair is Dick Zimmerman and they have asked FAR-B for \$500 seed money advance for this meeting. The 1986 Tissue Culture Conference generated about \$400 excess which was turned over to FAR-B. The last conference was held in Italy in 1989 and had about 300 in attendance.

Motion was made by Frank and seconded by Jane to make \$500 available to the symposium chairperson.

Steve Berberich reported on the success of the student summer intern Ms Susan Dryburgh. He passed out a talk she prepared to give to some visiting high school students which covers some of the things she learned this summer. He also passed put information on the Visitor centers Appreciation Day on Friday Oct 12, 1990 and on the Baltimore/ Washington Corridor "1990 Economic Development Symposium" on Oct 11th.

Treasurers report: (attached)

Draft from Bill Hollis passed out for future discussion.

Adjourned at 2:25 PM

Next meeting Tuesday Nov 13, 1990 at 1PM in NAL 4th floor.

Treasurer's Report - Board of Directors Meeting - October 9, 1990

General Account:

Bank balance as of Treasurer's Report of 9/11/90: \$12,888.31

Income since 9/11/90:

Interest 87.20

Expenses since 9/11/90:

None

Bank balance as of Oct. 9, 1990:

\$12,975.51

Conference & Symposia Accounts:

	Non-interest bearing #16-2034939	Interest Bearing #16-7800701	Total
Bank balance as of 9/11/90:	\$5,611.04	\$24,292.76	\$29,903.80
<u>Income since 9/11/90:</u>			
Registration Fees	-	375.00	
Interest	-	164.58	
		<u>539.58</u>	539.58
<u>Expenses since 9/11/90:</u>	-	-	
Bank balance as of 10/9/90:	<u>\$5,611.04</u>	<u>\$24,832.34</u>	<u>\$30,443.38</u>



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

Minutes of FAR-B Board of Directors meeting on Nov 13, 1990 at NAL

Attended by; Albert A Piringer, William A Bailey, Allan Stoner, George Irving, William J Van Der Woulde, William Hollis, Frank Longen, Essex E. Finney, Jr.

Meeting brought to order at 1:05 PM by President Al Piringer.

Minutes of October 9, 1990 meeting were distributed and were approved as distributed.

Dr Al Stoner asked Far-B to assist financially to commission an artist (Ms Peggy Duke) to paint the origin of Spice and Culinary Herbs on a map of the world. After some discussion the President asked Dr Stoner to make a formal written request for the board's approval.

Dr Bill Van Der Woulde reported that he was recruiting a Far-B secretary which he hoped to have on board by the January board meeting. He passed out an outline of the Topics & possible Lead-Off Speakers for the General Sessions of the Beltsville Symposium XVI. The outline and two additional evening workshops were discussed. A few suggestions were made for his consideration as he and his committee work on the final program.

Dr Finney reported on the status of various items at BARC as follows; The John Scott award goes to Dr Vogel on Nov 27, 1990 and the Sterling Hendricks award will be presented to Roy Whistler on Feb 17, 1991 at the AAAS meeting.

The Agriculture Budget passed with ARS getting a 11% increase to \$665.1 million with 16 million going to renovation work at Beltsville. The renovation progress-- BHNRC Animal facility finished in March 1991, Bldg 007(Soils) June 1991, and 003(Adm) Oct 1991.

Planning status; Bldg 001 renovate, Plant Science new bldg., Range 2 greenhouses renovate in stages, Dairy Free Stall new bldg and lots, Central Hay Storage new bldg., Waste Water treatment on East side.

Discussion stages; USDA office complex and Smithsonian Central Collections housing at Beltsville.

Treasurers Report received and approve (see below)

Treasurer's Report - Board of Directors Meeting - November 13, 1990

General Account:

Bank Balance as of Treasurer's Report of 10/9/90: \$12,975.51

Income since 10/9/90:

Interest 75.93

Expenses since 10/9/90:

Chk.#112 to Steve Berberich -	\$122.46	
Refreshments-TPIA Day		
Chk.#113 to Staples - office supplies	13.17	
Chk.#114 to In Vitro Symp. - advance	500.00	
	<u>\$635.63</u>	
		<u>-635.63</u>
		\$12,415.81

Conference & Symposia Accounts:

	Non-interest bearing acct. #16-2034939	Interest bearing #16-7800701	Total
Bank balance as of 10/9/90:	\$5,611.04	\$24,832.34	\$30,443.38
<u>Income since 10/9/90:</u>			
Interest	-	145.36	145.36
<u>Expenses since 10/9/90:</u>			
None			
Bank balance as of 11/13/90:	\$5,611.04	\$24,977.70	<u>\$30,588.74</u>

New and Old business; discussed Jeannie Allans Demo garden proposal and Wm Hollis memo. No action on either.

Request from Steve ^{le}Barberich for temporary help from Far-B members during Marg Fellows absence from auto wreck. She is in Rm 306 at Pr Geo hospital in Cheverly.

Next meeting on Tue Dec 11, 1990 at NAL

Adjourned at 2:48 PM

GEORGE W. IRVING, JR.
4601 N. PARK AVE., APT. 613
CHEVY CHASE, MD 20815

November 30, 1990

Dr. Albert A. Piring, Jr., President
Friends of Agricultural Research-Beltsville
4409 Beechwood Road
University Park, MD 20782

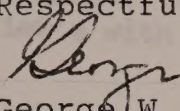
Dear Al:

Your committee submits the following nominees for the offices of President, Vice President, Treasurer, and Board of Directors for terms beginning at the next Annual Meeting of FAR-B. All have agreed to serve if elected.

PRESIDENT: Albert A. Piring, Jr.
VICE PRESIDENT: William A. Bailey
TREASURER: Frank Longen
BOARD: Angus A. Hanson
John G. Moseman

Dr. Moseman has also agreed to fill the present vacancy on the Board until his election to a full term. It is suggested that the Board appoint him to that position at its meeting in December, 1990.

Respectfully submitted,


George W. Irving, Jr.
For the committee



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

Minutes of FAR-B Board of Directors meeting on Dec 11, 1990

Attended by; Albert A Piringer, George Irving, William Hollis, Jane Wall, Essex E Finney, Jr., and William A Bailey.

Meeting brought to order at 1:05 PM by President Al Piringer.

Minutes approved.

The president reported that;

1. Marg Fellows is back at work.
2. Al Stoner is still working on the proposal for FAR-B assistance in commissioning an artist to paint a map showing the origin of Spice and Culinary Herbs.
3. Dr Donald R Egoff lost his life in an auto accident.

Dr John G Moseman has accepted a temporary appointment to fill a vacancy on the Board of Directors. A motion was made by Bill Hollis and seconded by Bill Bailey that Dr Moseman be appointed. Motion carried.

A "thank you" letter from Mike McGraw(The Kansas City Star) to John Becker was read concerning the cooperation and information given by several USDA retirees in interview's with him during a recent visit to Beltsville.

Dr Finney reported;

1- That several employees at Beltsville were retiring before the first of the year.

2- An Agricultural Product "Gliocladium" was registered by EPA. This material(a good fungi) was discovered by USDA scientists to fight a bad fungi which causes "damping off disease" . W R Grace has been licensed to produce and distribute this product.

3- FY91 Budget— Seven million (10%) increase at Beltsville.
Sixteen million for renovation projects.

4- Monsanto is downsizing which may make several researchers available for recruitment by ARS.

Frank Longen was absent which resulted in no Treasurers Report.

Jane Wall requested several articles for the next FAR-B Newsletter.

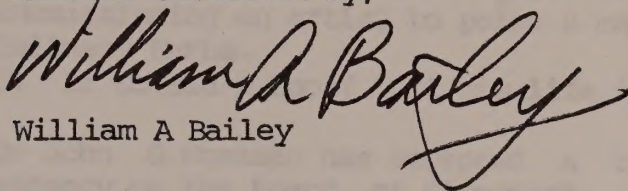
Report of nominating committee(Dr Irving, Chm) for 1991 election of officers at the Annual Meeting to be held in the Log Lodge at 2PM on March 12, 1991.

Al Piringer --- President
Bill Bailey --- Vice President
Frank Longen --- Treasurer
John Moseman --- Bd of Directors
Gus Hanson ---- " " " " " " " "

Meeting adjourned at 2 PM.

Next regular meeting at 1PM on January 8, 1991 on 4th floor of NAL.

Minutes submitted by:


William A Bailey



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

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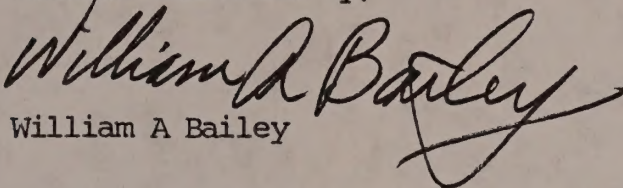
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Bill Bailey --- Vice President
Frank Longen --- Treasurer
John Moseman --- Bd of Directors
Gus Hanson ---- " " "

Meeting adjourned at 2 PM.

Next regular meeting at 1PM on January 8, 1991 on 4th floor of NAL.

Minutes submitted by;


William A Bailey

Frank Jordan was absent which resulted in no Treasurer's Report.

Jane Wall requested several articles for the next FAR-B Newsletter.

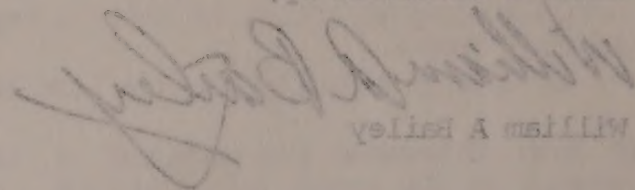
Report of nominating committee (Dr. Irving, Chm) for 1991 election of officers at the Annual Meeting to be held in the Jay Lodge at 2PM on March 12, 1991.

Al Piringer --- President
Bill Bailey --- Vice President
Frank Jordan --- Treasurer
John Mosman --- Bd of Directors
Gus Hanson --- "

Meeting adjourned at 2 PM.

Next regular meeting at 1PM on January 8, 1991 on 4th floor of IRL.

Minutes submitted by:


William A Bailey